



Future Human-Technology Interactions and Their Intelligent Applications

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Message from the Guest Editor

This Special Issue (SI) endeavors to delve into the multifaceted dimensions of human–technology interaction, with a focus on advancing understanding and fostering innovation across diverse domains. Potential themes for original research contributions include, but are not limited to, the following:

Applied machine learning applications in healthcare, education, and smart cities; Human-robot interaction (HRI) and its implications for enhancing human capabilities and experiences; Affective intelligence encompassing affective robotics, affective computing, and emotion recognition; Behavior analysis and its role in understanding human behavior and guiding technological interventions; Social robotics and its potential to augment social interactions and address societal challenges; Assistive technology innovations aimed at improving accessibility and quality of life for individuals with diverse needs; The integration of affective intelligence and machine learning for personalized and adaptive systems; Human–machine interaction modalities, including brain–computer interfaces, speech recognition, and biometrics, and so on.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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